



SPECIFICATION

Please replace the first paragraph of the SPECIFICATION with:

This application is a divisional of U.S. Patent 6,644,400, Application Number 09/975,372, "Backwash Oil and Gas Production", filed October 11, 2001.

Please replace the first paragraph on page 3 (the first paragraph of the SUMMARY OF INVENTION section), lines 1-10 with:

The present invention is referred to herein as the HEAT EXCHANGE COMPRESSOR or "HEC". The HEC was developed in connection with the "Backwash Production Unit" or "BPU", US Patent 6,644,400 filed October 11, 2001 and issued November 11, 2003 ~~Application 09/975,372~~, which is hereby incorporated herein by reference. It was also developed in connection with the "THERMODYNAMIC RECOVERY SYSTEM or "TRS" which is the subject matter of another divisional of US Patent 6,644,400, US Patent Application 10/660,427, which is hereby incorporated herein by reference. The following disclosure sets forth the unique and innovative features of the HEC, describes a use of the HEC in the context of a BPU, and illustrates how the HEC provides the ability to recover and transfer crude oil and natural gas from a subterranean formation well bore into a pipeline without additional equipment. The method may include receiving natural gas and produced fluids from well into the pump cylinder(s) indirectly via a BPU vessel in which they are installed, elevating pressure of the gas, oil, water and/or a mixture of them to a point that cylinder contents can flow into a pipeline.

Please add the following paragraph between the first and second paragraphs of the DESCRIPTION OF THE INVENTION (on page 4 after line 18):

In what follows, "internal liquids" refers to liquids mixed with gasses being compressed and "external liquids" refers to liquids not mixed with gasses being compressed.

Please add the following paragraph to the end of the SPECIFICATION on page 19 following Example 11:

It should be apparent to those skilled in the art that features which have been described in relation to specific embodiments may be included in other embodiments, and that the principles of the various methods of injection and recovery may be applied in other embodiments. Modifications to the embodiments described will be apparent to those skilled in the art.